

Wineries: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
312130, Wineries.....2002..	1 126	1 189	26 725	1 033 600	12 583	22 717	383 202	5 190 330	4 334 144	9 398 624	523 253
2001..	N	N	23 774	870 639	11 129	19 905	319 600	4 544 382	4 190 196	8 154 387	352 169
2000..	N	N	21 932	795 291	10 404	18 028	298 784	3 935 905	4 066 833	7 454 761	366 735
1999..	N	N	20 849	755 640	9 422	16 897	269 903	3 071 764	3 746 414	6 810 805	435 511
1998..	N	N	20 330	730 353	9 399	18 100	267 832	3 389 534	3 836 081	6 828 809	424 075
1997..	637	687	18 193	668 051	8 572	15 784	238 543	3 161 416	3 663 761	6 194 564	371 286

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312130, Wineries												
United States.....	1	1 189	236	26 725	1 033 600	12 583	22 717	383 202	5 190 330	4 334 144	9 398 624	523 253
California	—	666	187	20 838	840 212	9 813	18 227	317 453	4 515 348	3 762 412	8 221 043	415 480
Washington	—	83	7	1 757	53 192	1 034	1 198	22 963	298 526	241 267	477 706	48 680

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
312130, Wineries	
Companies ¹	number.. 1 126
All establishments ²	number.. 1 189
Establishments with 1 to 19 employees	number.. 953
Establishments with 20 to 99 employees	number.. 192
Establishments with 100 employees or more	number.. 44
All employees ³	number.. 26 725
Total compensation	\$1,000.. 1 280 440
Annual payroll	\$1,000.. 1 033 600
Total fringe benefits	\$1,000.. 246 840
Production workers, average for year	number.. 12 583
Production workers on March 12	number.. 12 688
Production workers on May 12	number.. 12 758
Production workers on August 12	number.. 12 903
Production workers on November 12	number.. 11 930
Production worker hours	1,000.. 22 717
Production worker wages	\$1,000.. 383 202
Total cost of materials	\$1,000.. 4 334 144
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 945 194
Resales	\$1,000.. 266 016
Purchased fuels	\$1,000.. 16 437
Purchased electricity	\$1,000.. 67 090
Contract work	\$1,000.. 39 407
Quantity of electricity purchased for heat and power	1,000 kWh.. 802 415
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 839
Total value of shipments	\$1,000.. 9 398 624
Primary products value of shipments	\$1,000.. 8 996 254
Secondary products value of shipments	\$1,000.. 17 691
Total miscellaneous receipts	\$1,000.. 384 679
Value of resales	\$1,000.. 338 640
Contract receipts	\$1,000.. 36 838
Other miscellaneous receipts	\$1,000.. 9 201
Primary products specialization ratio	percent.. 100
Value of primary products shipments made in all industries	\$1,000.. 9 018 666
Value of primary products shipments made in this industry	\$1,000.. 8 996 254
Value of primary products shipments made in other industries	\$1,000.. 22 412
Coverage ratio	percent.. 100
Value added	\$1,000.. 5 190 330
Total inventories, beginning of year	\$1,000.. 5 527 589
Finished goods inventories	\$1,000.. 1 708 594
Work-in-process inventories	\$1,000.. 3 572 338
Materials and supplies inventories	\$1,000.. 246 657
Total inventories, end of year	\$1,000.. 5 730 636
Finished goods inventories	\$1,000.. 1 843 316
Work-in-process inventories	\$1,000.. 3 563 466
Materials and supplies inventories	\$1,000.. 323 854
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 4 645 525
Total capital expenditures (new and used)	\$1,000.. 523 253
Buildings and other structures (new and used)	\$1,000.. 106 013
Machinery and equipment (new and used)	\$1,000.. 417 240
Automobiles, trucks, etc., for highway use	\$1,000.. 11 287
Computers and peripheral data processing equipment	\$1,000.. 21 455
All other expenditures for machinery and equipment	\$1,000.. 384 498
Total retirements	\$1,000.. 226 582
Gross value of depreciable assets at end of year	\$1,000.. 4 942 196
Depreciation charges during year	\$1,000.. 323 068
Total rental payments	\$1,000.. 126 676
Buildings and other structures	\$1,000.. 74 694
Machinery and equipment	\$1,000.. 51 982
Total other expenses ⁴	\$1,000.. 665 648
Response coverage ratio ⁵	percent.. 91
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 64 075
Communications services ⁴	\$1,000.. 10 682
Legal services ⁴	\$1,000.. 6 784
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 7 511
Advertising and promotional services ⁴	\$1,000.. 129 515
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 656
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 12 422
Management consulting and administrative services ⁴	\$1,000.. 15 216
Taxes and license fees ⁴	\$1,000.. 21 013
All other expenses ⁴	\$1,000.. 355 329

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312130, Wineries											
All establishments	1	1 189	26 725	1 033 600	12 583	22 717	383 202	5 190 330	4 334 144	9 398 624	523 253
Establishments with—											
1 to 4 employees	9	709	1 322	50 913	755	1 328	20 124	154 833	162 554	319 401	18 573
5 to 9 employees	4	104	720	33 495	346	769	12 393	128 270	99 466	212 868	11 715
10 to 19 employees	4	140	1 930	71 242	921	1 917	30 164	262 036	199 768	448 130	50 323
20 to 49 employees	1	143	4 493	158 382	1 981	4 030	63 831	620 665	456 927	1 081 473	102 634
50 to 99 employees	1	49	3 287	133 861	1 282	3 151	47 950	574 814	452 685	965 001	69 448
100 to 249 employees	—	31	4 622	179 204	2 330	4 091	75 575	1 357 064	1 112 992	2 492 122	147 335
250 to 499 employees	—	6	g	D	D	D	D	D	D	D	D
500 to 999 employees	—	5	4 023	128 411	2 295	2 336	47 446	627 483	560 867	1 101 208	65 636
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	1	h	D	D	D	D	D	D	D	D
Administrative records ⁴	9	699	1 625	65 117	888	1 613	24 324	207 251	218 163	425 442	24 654

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
312130	Wineries	1 189	26 725	1 033 600	12 583	22 717	383 202	5 190 330	4 334 144	9 398 624	523 253
3121300	Wine, brandy, and brandy spirits ...	1 189	26 725	1 033 600	12 583	22 717	383 202	5 190 330	4 334 144	9 398 624	523 253

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312130	Wineries	2002.. N 1997.. N	X X	X X	9 018 666 6 144 389
3121300	Wine, brandy, and brandy spirits	2002.. N 1997.. N	X X	X X	9 018 666 6 144 389
31213001	White grape wines, 14 percent or less	2002.. N 1997.. N	X X	X X	3 093 366 2 508 360
3121300111	White grape wines, 14 percent or less mil wine gal.	2002.. 256 1997.. 188	X X	586.9 398.2	3 093 366 2 508 360
31213002	Red grape wines, 14 percent or less	2002.. N 1997.. N	X X	X X	2 251 263 1 234 898
3121300221	Red grape wines, 14 percent or less mil wine gal.	2002.. 252 1997.. 191	X X	S 184.1	2 251 263 1 234 898
31213003	Rose grape wines, 14 percent or less	2002.. N 1997.. N	X X	X X	651 190 447 677
3121300331	Rose grape wines, 14 percent or less mil wine gal.	2002.. 45 1997.. 34	X X	163.4 93.7	651 190 447 677
31213004	Other fruit and berry wines, 14 percent or less	2002.. N 1997.. N	X X	X X	D D
3121300441	Other fruit and berry wines, 14 percent or less mil wine gal.	2002.. 19 1997.. 12	X X	D D	D D
31213005	Dessert wines (excluding specialties)	2002.. N 1997.. N	X X	X X	647 795 319 772
3121300551	Dessert wines (excluding specialties) mil wine gal.	2002.. 38 1997.. 30	X X	P68.9 36.0	647 795 319 772
31213006	Effervescent wines, including sparkling wines (naturally and artificially carbonated)	2002.. N 1997.. N	X X	X X	475 433 475 684
3121300661	Effervescent wines, including sparkling wines (naturally and artificially carbonated) mil wine gal.	2002.. 26 1997.. 30	X X	59.4 69.3	475 433 475 684
31213007	Wine coolers	2002.. N 1997.. N	X X	X X	D D
3121300771	Wine coolers mil wine gal.	2002.. 3 1997.. 3	X X	D D	D D
3121300A	All other wines, brandy, and brandy spirits	2002.. N 1997.. N	X X	X X	707 781 N
3121300AB1	Beverage brandy, neutral fruit spirits, and neutral brandy, excluding neutral citrus residue brandy mil tax gal.	2002.. 9 1997.. N	X X	D N	D N
3121300AD1	Applejack	2002.. 3 1997.. N	X X	X X	3 743 N
3121300AE1	All other wines, brandy, and brandy spirits, including mermouth, nonalcoholic wines, and other specialty wines mil wine gal.	2002.. 32 1997.. N	S X	S N	357 072 N
3121300Y	Wine, brandy, and brandy spirits, nsk, total	2002.. N 1997.. N	X X	X X	723 182 404 717
3121300YWW	Wine, brandy, and brandy spirits, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	381 869 191 054
3121300YWY	Wine, brandy, and brandy spirits, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	341 313 213 663

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3121300	Wine, brandy, and brandy spirits	
	United States..... 2002..	9 018 666
	..... 1997..	6 144 389
	California 2002..	7 850 079
	..... 1997..	N
	Washington 2002..	468 221
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
312130	Wineries		
0090001	Total materials .....2002..	X	3 945 194
	.....1997..	X	3 539 821
00190016	All other materials, ingredients, and supplies consumed in wine manufacturing .....2002..	X	540 542
	.....1997..	X	531 521
11133200	Fresh grapes .....1,000 s tons.....2002..	2 120.0	1 675 631
	.....1997..	S	1 356 565
31121300	Malt .....1,000 cwt.....2002..	D	D
	.....1997..	N	N
32192005	Cooperage used in grain distilling..... millions.....2002..	3.4	1 990
	.....1997..	N	N
31213001	Purchased wines used for blending mil wine gal.....2002..	S	844 460
	.....1997..	S	827 025
31213003	Purchased wines used for other purposes mil wine gal.....2002..	D	D
	.....1997..	22.6	119 986
32721305	Glass containers, for wine and brandy manufacture .....1,000 gross.....2002..	P9 787.8	476 070
	.....1997..	S	440 508
32221003	Paperboard boxes and containers, used for wine and brandy manufacturing .....2002..	X	78 292
	.....1997..	X	65 293
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	5 851
	.....1997..	X	5 446
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	195 176
	.....1997..	X	193 477

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.